

Subject: Minutes: DSS-13 Weekly Meeting

From: Watt Veruttipong <watt.veruttipong@jpl.nasa.gov>

Date: Wed, 21 May 2008 10:45:22 -0700

To: Lawrence.Teitelbaum@jpl.nasa.gov, Thomas.B.Kuiper@jpl.nasa.gov,
Gary.W.Bury@jpl.nasa.gov, Lyle.J.Skjerve@jpl.nasa.gov

CC: Watt.Veruttipong@jpl.nasa.gov

Minutes for DSS-13 Weekly Meeting on 5-19-08

DSS-13 Antenna Activities: Starting this week, Gary and I will actively update the DSS-13 7-day, forecast and planning schedules with ITT scheduler, Carleen Ward. We are working on updating the record keeping of DSS-13's April's and May's activities and will set up a plan for routine monitoring of elements that impact system performance such as Helium, N2 pressure, etc.

DSS-13 Remote Operations: Gary and I will negotiate with GDSCC (R. Haroldsson) on safety and operations requirement especially on the surveillance camera monitor and control at SPC-10. Gary reported that the problem with the picture on the monitor at DSS-13 control room, when I was there, has been fixed. The problem was at the loose connection in the control room.

Noise diode for 11GHz system: The noise diode has been installed back to the 11 GHz system with remote operations.

X/Ka Coherence/Phase Stability Comparison: Gary and Paul informed that the H/W and S/W for this test is ready. I will contact a test engineer for the test procedure.

SGP Support: The next SGP support at DSS-13 is on July 29, 2008.

Bandwidth and Band-limit of Ka-band System: Manuel F. is busy with other tasks till late June. The work on the determination of bandwidth and band-limiting elements (such as dichroic or polarizer) in the broadband Ka-band system could begin in late June or July.

Full Sky Pointing Model: D. Rochblatt and J. Withington did some H/W and instrumentation preparation work at DSS-13 on 5-15-08. There are some issues related to system configuration that Paul has to work out and get back to David before the work can continue.

Watt

Watt Veruttipong, Ph.D.
Project Element Manager
BWG Ka-Band Upgrade Task
Communications Ground Systems Section
Jet Propulsion Laboratory
California Institute of Technology
Tel: (818) 354-2719
Fax: (818) 393-3505